

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

F. 2 E

**PLAN APPROVAL**

Permit No. <u>40-328-003</u>	Source &	<u>Simple Gas Turbine</u>
Owner <u>UGI Development Company</u>	Air	<u></u>
Address <u>P.O. Box 224</u>	Cleaning	<u>Water Injection</u>
	Device	<u></u>
Attention: <u>Hunlock Creek, PA 18621</u>		<u>Hunlock Township</u>
<u>Mr. Jeffrey Steeber</u>	Location	<u>Luzerne County</u>
<u>Engineer III</u>		

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department on APR 5 2000 approved plans for construction of the above indicated air contamination source.

This PLAN APPROVAL expires June 30, 2001.


The Plan Approval is subject to the following conditions:

- (1) The source is to be constructed in accordance with the plans submitted with the application (as approved herein).

(SEE ATTACHED)

Notify the office listed below when the installation is completed so that the source can be inspected for issuance of an OPERATING PERMIT.

NOTE: Air Quality Program  
Department of Environmental Protection  
2 Public Square  
Wilkes-Barre, PA 18711-0790

  
\_\_\_\_\_  
Thomas A. DiLazaro  
Program Manager  
Air Quality Program

cc: Div. of Permits  
File

- (2) Nothing in this permit shall be construed to supercede, amend or authorize violation of the provisions of any valid and applicable local law, ordinance or regulation, provided that said local law, ordinance or regulation is not preempted by the Pennsylvania Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, 35 P.S. §§4001-4015, et seq.
- (3) The permittee shall comply with the Pennsylvania Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, 35 P.S. §§4001-4015, et seq. and Title 25, Rules and Regulations, Article III, Air Resources promulgated thereunder.
- (4) This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met.
  - (a) The Department must receive written notice from the Owner/Operator of the completion of construction and the Operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice should state when construction will be completed and when Operator expects to commence operation.
  - (b) Operation is authorized only to facilitate the start-up and shakedown of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
  - (c) This condition authorizes temporary operation of the source(s) for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to subpart (a), above.
  - (d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.
  - (e) The notice submitted by the Owner/Operator pursuant to subpart (a), above, prior to the expiration of this Plan Approval, shall modify the plan approval expiration date. The new plan approval expiration date shall be 180 days from the date of the written notice.
- (5) Issuance of an operating permit will be contingent upon the satisfactory demonstration that the visible emissions from the aforementioned source will not be in violation of Section 41 of Chapter 123 of the Rules and Regulations of the Department of Environmental Protection.

- (6) This turbine is subject to Subpart GG of the Standards of Performance for New Stationary Sources and shall comply with all applicable requirements of this Subpart. 40 CFR §60.4 requires submission of copies of all requests, reports, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director  
Air, Toxics and Radiation Division  
US EPA, Region III  
841 Chestnut Street  
Philadelphia, PA 19107

- (7) The new turbine shall be equipped with a continuous Air Contaminants Emission Monitoring System for Nitrous Oxides and Oxygen (NO<sub>x</sub> and O<sub>2</sub> respectively). The monitoring system shall meet applicable Department requirements.
- (8) The NO<sub>x</sub> and O<sub>2</sub> emissions shall be monitored and recorded continuously to show compliance with the emission limits specified in the application. Recordkeeping and reporting procedures must be in accordance with the requirements of the continuous source monitoring manual.
- (9) The continuous emission monitoring system for (NO<sub>x</sub> and O<sub>2</sub>) must be approved by the Department and installed, operated and maintained in accordance with the quality assurance, recordkeeping and reporting requirements of Chapter 139 of the Pennsylvania Department of Environmental Protection's Rules and Regulations and the Department's Continuous Source Monitoring Manual. All CEM reports shall be submitted to the Department within thirty (30) days after each quarter but no later than the time frame established in the Department's latest Continuous Source Monitoring Manual. the Department reserves the right to require the report submission in floppy disks with a format acceptable to the Department.
- (10) Source tests shall be conducted within one hundred eight (180) days after start-up. The Department reserves the right to require the owner or operator to conduct further tests at any time after the initial compliance tests. Source tests shall be conducted in accordance with the Department's Source Testing Manual. Test procedures are to be approved by the Department prior to the actual testing.
- (11) The new turbine (Source 001) shall be limited to 1,850 Annual Operating Hours.
- (12) The NO<sub>x</sub> Emissions shall not exceed 25 ppm (corrected to 15% O<sub>2</sub>). The Annual NO<sub>x</sub> Emissions shall not exceed 37.9 TPY (12 month rolling sum).